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Amendment
Attorney Docket No. S40.2I-9755-US01

Amendments To The Claims:

Claim 1. (Previously Presented) A diamond blade (31) for grinding or cutting workpieces, comprising:

a wheel body (32); and

an annular rim type cutting tip (33) having a uniform rectangular-shaped cross-section, which is fixed to a periphery of said wheel body (32), said rim type cutting tip including:

two diamond layers (38, 38') including diamond particles (39), which are longitudinally disposed parallel with rotation direction of said wheel body (32); and

a non-diamond portion (35) disposed between said two diamond layers (38, 38'), in which said non-diamond portion (35) does not include the diamond particles (39);

whereby said two diamond layers (38, 38') form microscopic cutting grooves (37, 37') within the workpieces (37) during grinding or cutting operation and said non-diamond portion (35) crushes portion (40) of the workpieces (37) between the microscopic cutting grooves (37', 37'') into a relatively larger size as said non-diamond portion (35) applies a relatively small friction and a rotation impact to the portion (40).

Claims 2-3 (Canceled)

Claim 4. (Previously Presented) The diamond blade as claimed in claim 1, wherein the diamond particles (39) in each diamond layer of the rim type cutting tip are formed in a predetermined pattern of grid.

Claims 5-6. (Canceled)

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Claim 7. (Previously presented) The diamond blades as claimed in claim 1, wherein said diamond particles in each diamond layer of the rim type cutting tip are randomly distributed.

Claim 8. (Canceled)

9. (Presently Amended) The diamond blade of claim 1 further comprising: A diamond blade for cutting or grinding workpieces, the diamond blade comprising:
a wheel body having a radius about which said wheel body rotates and a periphery, said periphery defined by an inner and outer surface of said wheel body and a peripheral edge therebetween; and

a rim type cutting tip for cutting or grinding said workpieces, the rim type cutting tip circumferentially and fixedly disposed on said wheel body said wheel body including:

said a non-diamond portion having a plurality of depressed portions, the depressed portions being disposed at predetermined intervals to cross each other on the inner and outer surfaces of the non-diamond portion; and

a plurality of diamond layers longitudinally disposed parallel with the rotation direction of the diamond blade respectively on depressed bottom surfaces of the depressed portions, and on the inner and outer surfaces of the non-diamond portion divided by the depressed portions of the non-diamond portion, wherein the depressed bottom surfaces and the inner and outer surfaces are parallel to the rotation direction of the diamond blade.

10. (Previously Presented) The diamond blade as claimed in claim 9, wherein the bottom surfaces of the depressed portions of the non-diamond portion are positioned in a plane between the inner and outer surfaces of the non-diamond portion .

11. (Previously Presented) The diamond blade as claimed in claim 9, wherein the depth of the depressed bottom surfaces of the depressed portions surfaces of the non-diamond portion is less than a half of the thickness of the non-diamond portion .

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12. (Previously Presented) The diamond blade as claimed in claim 9, wherein the diamond particles in each diamond layer of the rim type cutting tip are distributed in a predetermined pattern or arrangement.

13. (Previously Presented) The diamond blade as claimed in claim 12, wherein the diamond particles in each diamond layer of the rim type cutting tip are distributed in a single layer with grid shaped spots.

14. (Previously Presented) The diamond blade as claimed in claim 12, wherein the diamond particles in each diamond layer of the rim type cutting tip are distributed in a double layer with grid shaped spots.

15. (Previously Presented) The diamond blade as claimed in claim 9, wherein the diamond particles in each diamond layer of the rim type cutting tip are randomly distributed.

Claim 16. (Canceled)

Claim 17-18. (Canceled)